

AMENDMENTS TO THE CLAIMS

1. - 18 (Canceled)

19. (Currently Amended) A vaccine comprising a first peptide, ~~said wherein the first peptide comprising comprises the~~ sequence selected from the group consisting of SEQ ID NOS: 4, 5 and 6, or a derivative thereof of SEQ ID NO: 4, and optionally a pharmaceutically acceptable carrier.

20. - 22 (Canceled)

23. (New) The vaccine of claim 19, wherein the sequence of the first peptide consists of SEQ ID NO: 4.

24. (New) A peptide of 4 to 20 amino acids in length comprising at least 4 consecutive amino acids of SEQ ID NO: 4.

25. (New) The peptide of claim 24, wherein the peptide comprises at least 5 consecutive amino acids of SEQ ID NO: 4.

26. (New) The peptide of claim 24, wherein the peptide comprises at least 6 consecutive amino acids of SEQ ID NO: 4.

27. (New) The peptide of claim 24, wherein the peptide comprises at least 7 consecutive amino acids of SEQ ID NO: 4.

28. (New) The peptide of claim 24, wherein the peptide comprises at least 8 consecutive amino acids of SEQ ID NO: 4.

29. (New) A vaccine comprising the peptide of claim 24, and optionally a pharmaceutically acceptable carrier.

30. (New) The vaccine of claim 29, wherein the peptide comprises at least 5 consecutive amino acids of SEQ ID NO: 4.

31. (New) The vaccine of claim 29, wherein the peptide comprises at least 6 consecutive amino acids of SEQ ID NO: 4.

32. (New) The vaccine of claim 29, wherein the peptide comprises at least 7 consecutive amino acids of SEQ ID NO: 4.

33. (New) The vaccine of claim 29, wherein the peptide comprises at least 8 consecutive amino acids of SEQ ID NO: 4.

34. (New) The vaccine of claim 19 further comprising a second peptide, wherein the sequence of the second peptide comprises the sequence of SEQ ID NO: 5.

35. (New) The vaccine of claim 19 further comprising a second peptide, wherein the sequence of the second peptide comprises the sequence of SEQ ID NO: 6.

36. (New) The vaccine of claim 19 further comprising a second peptide and a third peptide, wherein the sequence of the second peptide comprises the sequence of SEQ ID NO: 5 and wherein the sequence of the third peptide comprises the sequence of SEQ ID NO: 6.